

**APPLICATION FOR PERMIT
 TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

JUL 30 1982

Date of filing in State Engineer's Office.....

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... **JUL 30 1982** under 45992

The applicant..... Chevron U.S.A. Inc., c/o Chevron Resources Co.

P. O. Box 7147....., of San Francisco, CA
Street and No. or P.O. Box No. City or Town

CA 94120-7147....., hereby make.... application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Chevron was organized on February 1932
under the laws of the State of California and is qualified to do business in the
state of Nevada

1. The source of the proposed appropriation is underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 5 (five).....second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet.....

3. The water to be used for.....industrial (geothermal)
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated:.....

(b) Stockwater, state number and kinds of animals to be watered:.....

(c) Other use (describe fully under "No. 12. Remarks") Industrial

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: Well #13-17 is in the SW 1/4 NW 1/4
Describe as being within a 40-acre subdivision of public
of Section 17 T 31N R48E MD B&M from the point of diversion to the NW corner of
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
Section 17 is 1982. 39' on a bearing N3°56'33"W

6. Place of use..... Sections 8, 17, 18, 19 of T 31 N R 48E
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about Jan. 1.....and end about Dec. 31....., of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Propose to drill well # 13-17 to a nominal
State manner in which water is to be diverted, i.e. diversion structure, ditches and
depth of 2500' +. The well will be cased with 13 3/8 steel casing to total depth
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works..... \$800,000.00

10. Estimated time required to construct works..... 2 months
If well completed, describe works.
.....
11. Estimated time required to complete the application of water to beneficial use..... five years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
Proposed well to develop geothermal resource for beneficial use
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.....
.....

By S/J. G. Turner Attorney In Fact
P. O. Box 7147
San Francisco, CA 94120-7147

Compared bl/js br/ja

Protested.....

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is to be cemented from the production levels to the surface to protect fresh water zones.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 5.0 cubic feet per second, but not to exceed 3620 acre-feet annually.


Work must be prosecuted with reasonable diligence and be completed on or before May 27, 1985

Proof of completion of work shall be filed before June 27, 1985

Application of water to beneficial use shall be made on or before May 27, 1988

Proof of the application of water to beneficial use shall be filed on or before June 27, 1988

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed..... IN TESTIMONY WHEREOF, I PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of
Proof of beneficial use filed.....
my office, this 27th day of MAY,
Cultural map filed.....
A.D. 19 83
Certificate No..... Issued.....

State Engineer